

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): V.V. Zhurin et al.

Serial No.: 09/746,337

Examiner:

Filing Date: December 20, 2000

Group Art Unit: 1764

Title: System For Thermal and Catalytic Cracking of Crude Oil

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ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97 (b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97 (c) together with either a:
() Certification under 37 CFR 1.97(e), or
() a \$220.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Certification under 37 CFR 1.97 (e), and
() a petition under 37 CFR 1.97 (d)(2)(ii), and
() a \$130.00 petition fee set forth in 37 CFR 1.17 (i)(1).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

By Dean P. Edmundson
Dean P. Edmundson

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: June 25, 2003

Typed Name: Dean P. Edmundson

Signature: Dean P. Edmundson

Attorney/Agent for Applicant(s)
Reg. No. 25723

Date: June 25, 2003

Telephone No.: ~~202-224-9582~~
979-289-0199



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Before the Primary Examiner

In re Application of:)
V.V. Zhurin et al.)
Serial No. 09/746,337) Group Art Unit: 1764
Filed: December 20, 2000)
For: System For Thermal and Catalytic Cracking of Crude Oil)
Attorney Docket No. 419-01)

Hon. Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.97,
applicant submits herewith a copy of the patents and publications listed in the attached PTO-1449 which were just received in connection with the international search report in applicants' PCT application.

Respectfully submitted,

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

419-01

SERIAL NO.

09/746,337

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

V.V. Zhurin et al.

FILING DATE

12/20/2000

GROUP

1764

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	4	2	8	8	3	9	1/1984	Davies et al.			
	AB	5	0	6	1	4	5	7	10/1991	Hsieh et al.			JUL 07 2003
	AC	5	3	1	8	6	9	1	6/1994	Muldowney			GROUP 1700
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES NO	
	AL	2	2	4	9	5	0	2	1992	United Kingdom				
	AM	1	0	0	0	5	5	1	1957	Germany				
	AN													
	AO													
	AP													

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR												
	AS												
	AT												

EXAMINER

DATE CONSIDERED